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SOUTHERN PULPWOOD PRODUCTION, 1960

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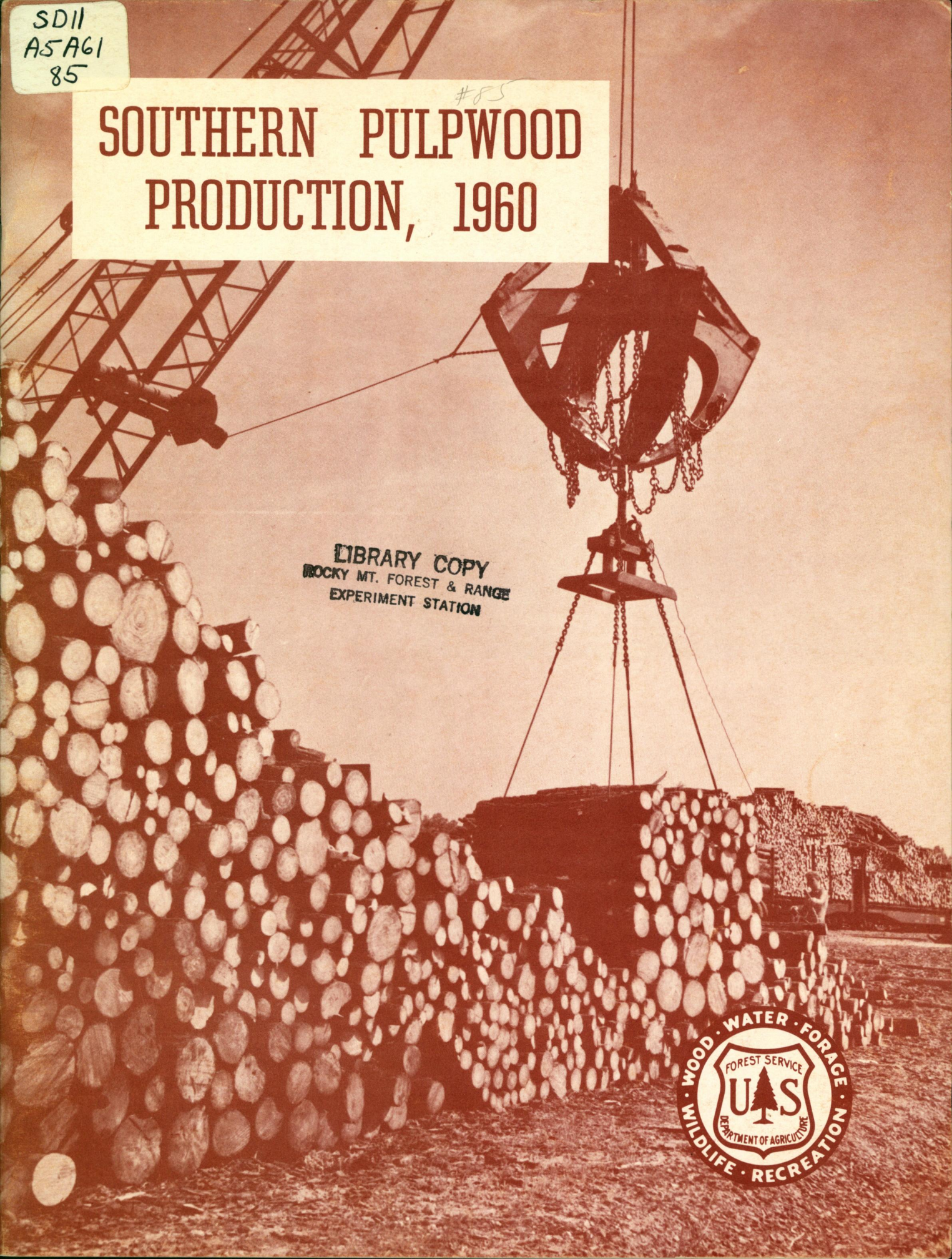

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SOUTHERN PULPWOOD PRODUCTION, 1960

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and
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New Orleans, Louisiana
and
SOUTHEASTERN FOREST EXPERIMENT STATION
Asheville, North Carolina
of the
Forest Service, U. S. Department of Agriculture
in cooperation with
SOUTHERN PULPWOOD CONSERVATION ASSOCIATION
Atlanta, Georgia

1961

1960's PULPWOOD HARVEST IN THE SOUTH reached an all-time high of 23,551,000 cords—57 percent of the Nation's total. At year's end, the South had 81 pulpmills with a total daily capacity of more than 50,000 tons. Seven mills outside the South also were using wood grown within the region.

All together, southern States produced 4 percent more pulpwood in 1960 than in the previous record year of 1959. Changes in State harvests ranged from a 13-percent increase in South Carolina to a 3-percent decline in Oklahoma. Georgia produced 4.9 million cords, to continue as southern leader for the thirteenth consecutive year. Alabama harvested more than 3 million cords; three other States—North Carolina, South Carolina, and Florida—each cut more than 2 million.

Table 1. *Pulpwood production in the South, 1960 and change since 1959*

State	Round pulpwood and residues	Change
	Thousand cords	*Percent*
Alabama	3,019.7	+ 3
Arkansas	1,555.9	+ 2
Florida	2,100.4	− 1
Georgia	4,905.8	+ 4
Louisiana	1,856.9	+ 3
Mississippi	1,973.6	− 2
North Carolina	2,273.6	+ 6
Oklahoma	53.1	− 3
South Carolina	2,190.4	+13
Tennessee	361.8	+ 2
Texas	1,426.4	+ 1
Virginia	1,833.4	+ 6
All states	23,551.0	+ 4

Some 20,595,500 cords were delivered to mills as bolts. This was a 2-percent increase over 1959. More than 80 percent of the roundwood was pine, which went to 63 of the South's 81 mills.

Hardwood bolts totaled 4,104,600 cords. This volume was 9 percent above that of 1959 and set a new record for the tenth straight year. One-fifth of the total roundwood volume was hardwood. More than 71 percent of the hardwood came from soft-textured species such as sweetgum and yellow-poplar.

Table 2. *Round pulpwood production in the South, by State and species group, 1960*

State	All species	Pine	Soft hardwoods [1]	Hard hardwoods
	Thousand cords			
Alabama	2,593.7	2,016.4	527.8	49.5
Arkansas	1,216.4	983.2	168.7	64.5
Florida	1,923.9	1,825.2	78.3	20.4
Georgia	4,410.1	4,004.7	305.3	100.1
Louisiana	1,645.6	1,290.9	271.6	83.1
Mississippi	1,774.3	956.0	744.4	73.9
North Carolina	1,887.9	1,486.2	194.8	206.9
Oklahoma	38.6	30.1	3.2	5.3
South Carolina	1,901.8	1,515.0	271.7	115.1
Tennessee	353.4	188.8	38.5	126.1
Texas	1,134.5	916.6	208.5	9.4
Virginia	1,715.3	1,277.8	106.4	331.1
All states	20,595.5	16,490.9	2,919.2	1,185.4

[1] Includes gums, cottonwood, willow, yellow-poplar, bay, magnolia, maples, basswood, sycamore, soft elm, hackberry.

Pine bolts were cut in 775 of the 927 southern counties; 172 counties showed an increase of 30 percent or more over their 1959 output. Hardwood cordage was produced in 723 counties, of which 321 marketed at least 30 percent more wood than in the previous year.

Nearly three-fourths of the roundwood was pulped in the State in which it was grown. Some 91 percent of Louisiana's harvest was used by in-State mills, the highest proportion

for any southern State. Less than 1 percent of all cordage was shipped out of the South.

Over 12 percent of the pulp industry's total wood supply was in the form of chips produced by other forest industries; in 1959 the proportion was 10 percent. The 1960 chip volume was 2,877,300 cords, an increase of 21 percent over the preceding year. As in the past, sawmills provided the great bulk of the chips, but 78,200 cords arrived at pulpmills as unchipped residues of veneer mills and wood preserving plants.

At least 896 sawmills, veneer mills, and other forest industries are currently equipped with chip-making machinery. Georgia leads the South here also, with 163 chipping installations; North Carolina is second with 147; Alabama ranks third with 141.

Table 3. *Southern States with more than five pulpwood chipping installations*

State	Pulpwood chipping installations [1]
	Number
Alabama	141
Arkansas	65
Florida	56
Georgia	163
Louisiana	54
Mississippi	73
North Carolina	147
South Carolina	107
Tennessee	8
Texas	35
Virginia	47
Total	896

[1] Excludes installations at pulpmills.

Pulping capacity in the South continues to rise. During the year total mill capabilities increased from 46,000 tons of pulp per day to 50,00 tons. Six new mills are planned or under construction.

Florida leads the States in pulping capacity with 17 percent of the South's total. Georgia ranks second and Louisiana a distant third.

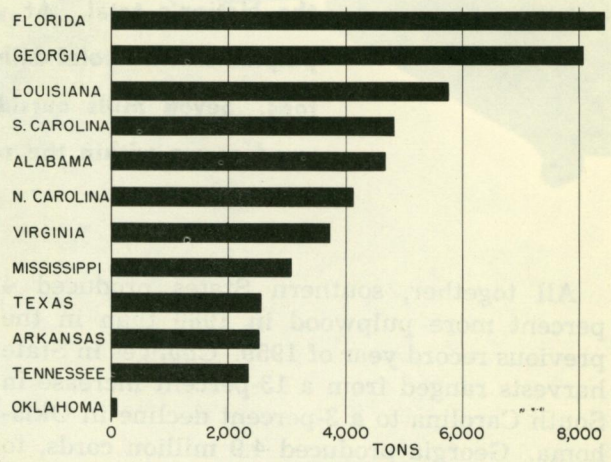

Figure 1. *Pulping capacity by State, 1960.*

The kraft or sulfate process, used at 52 mills, accounts for 76 percent of the region's daily capacity; 12 percent is in groundwood and other mechanical methods, and 10 percent in the semi-chemical process. Three mills with 2 percent of the capabilities employ the soda and sulfite process. Recent trends indicate that, although many mills are diversifying manufacturing methods, the sulfate process will probably continue to predominate for many years.

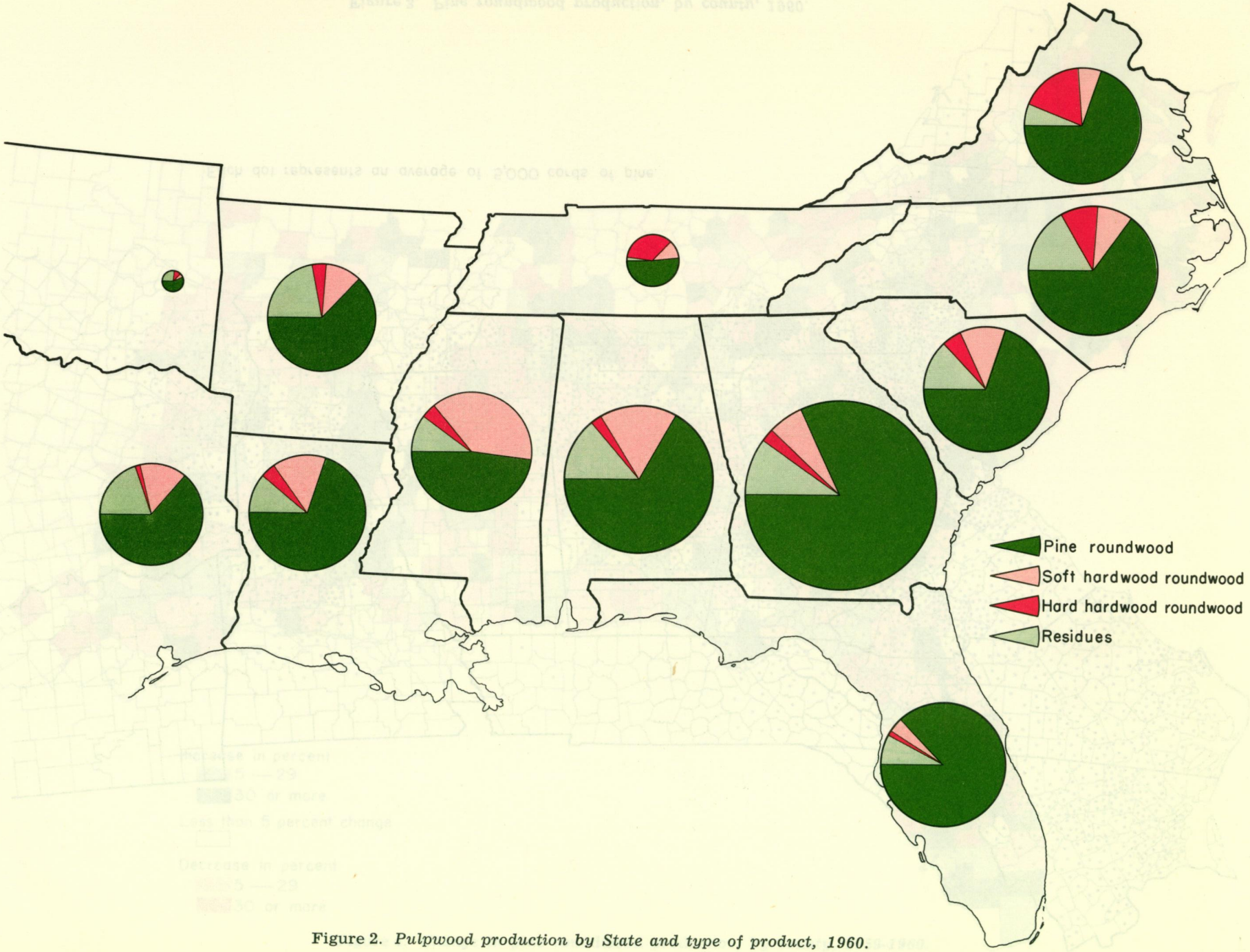

Figure 2. *Pulpwood production by State and type of product, 1960.*

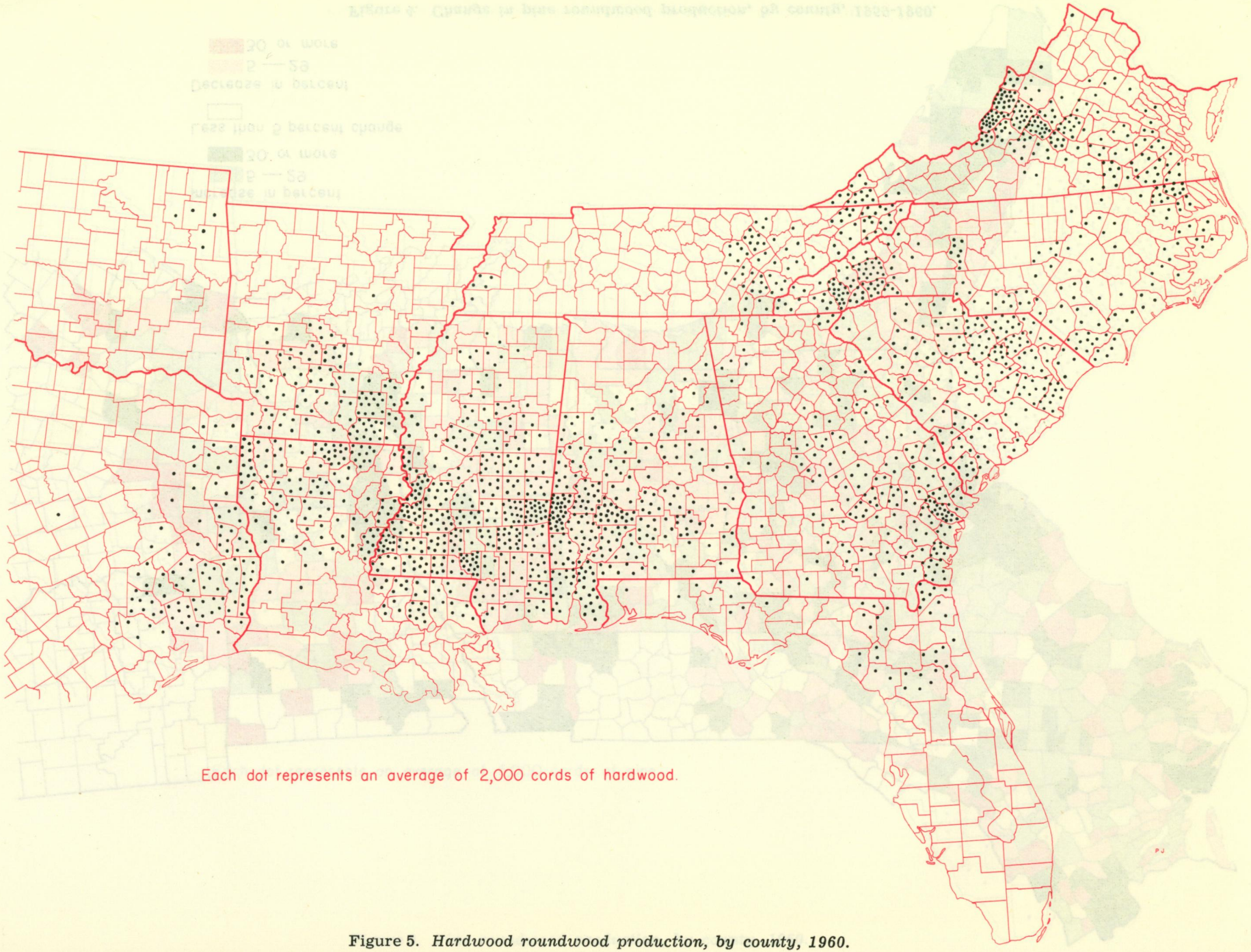

Figure 5. *Hardwood roundwood production, by county, 1960.*

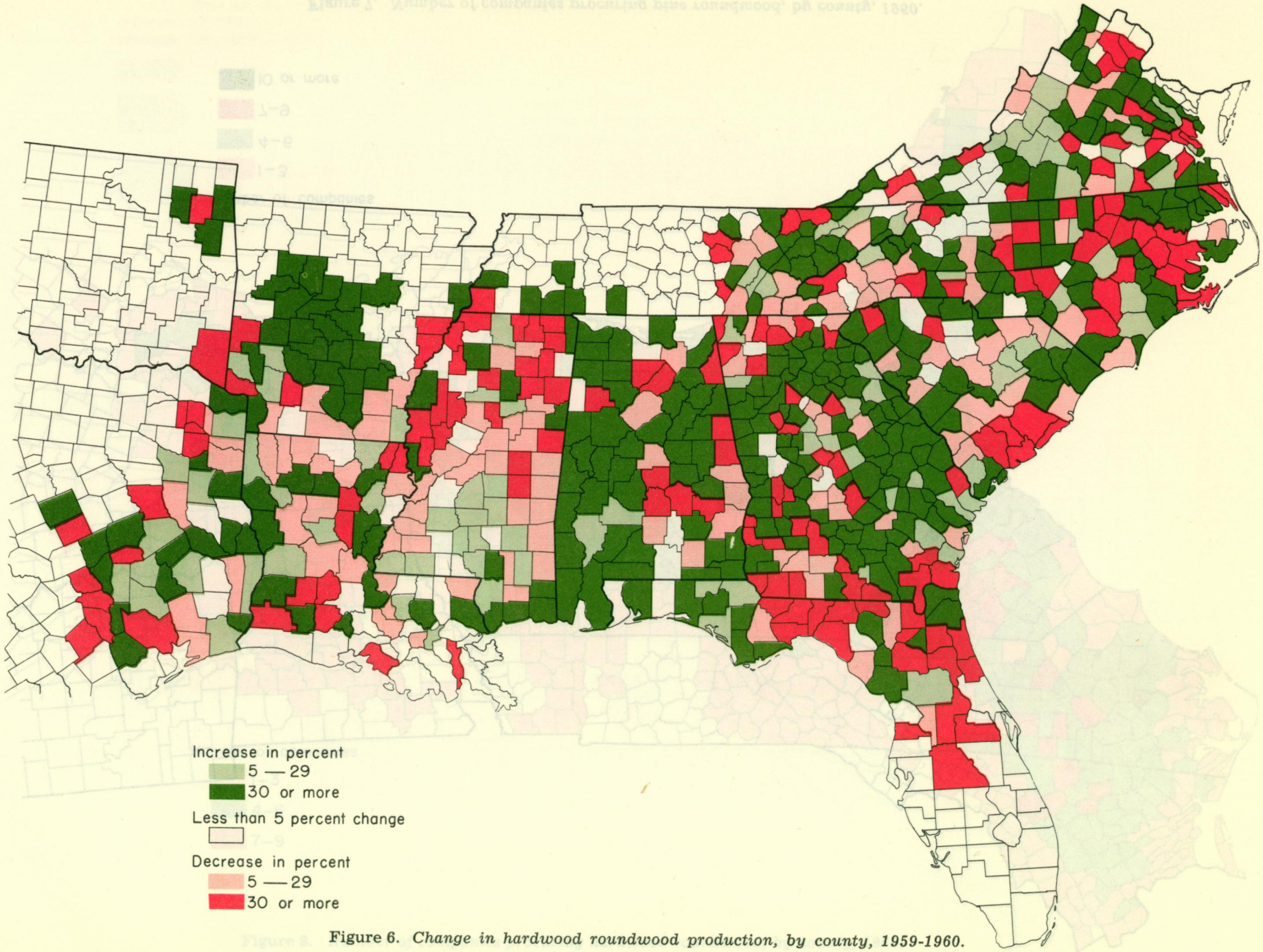

Figure 6. *Change in hardwood roundwood production, by county, 1959-1960.*

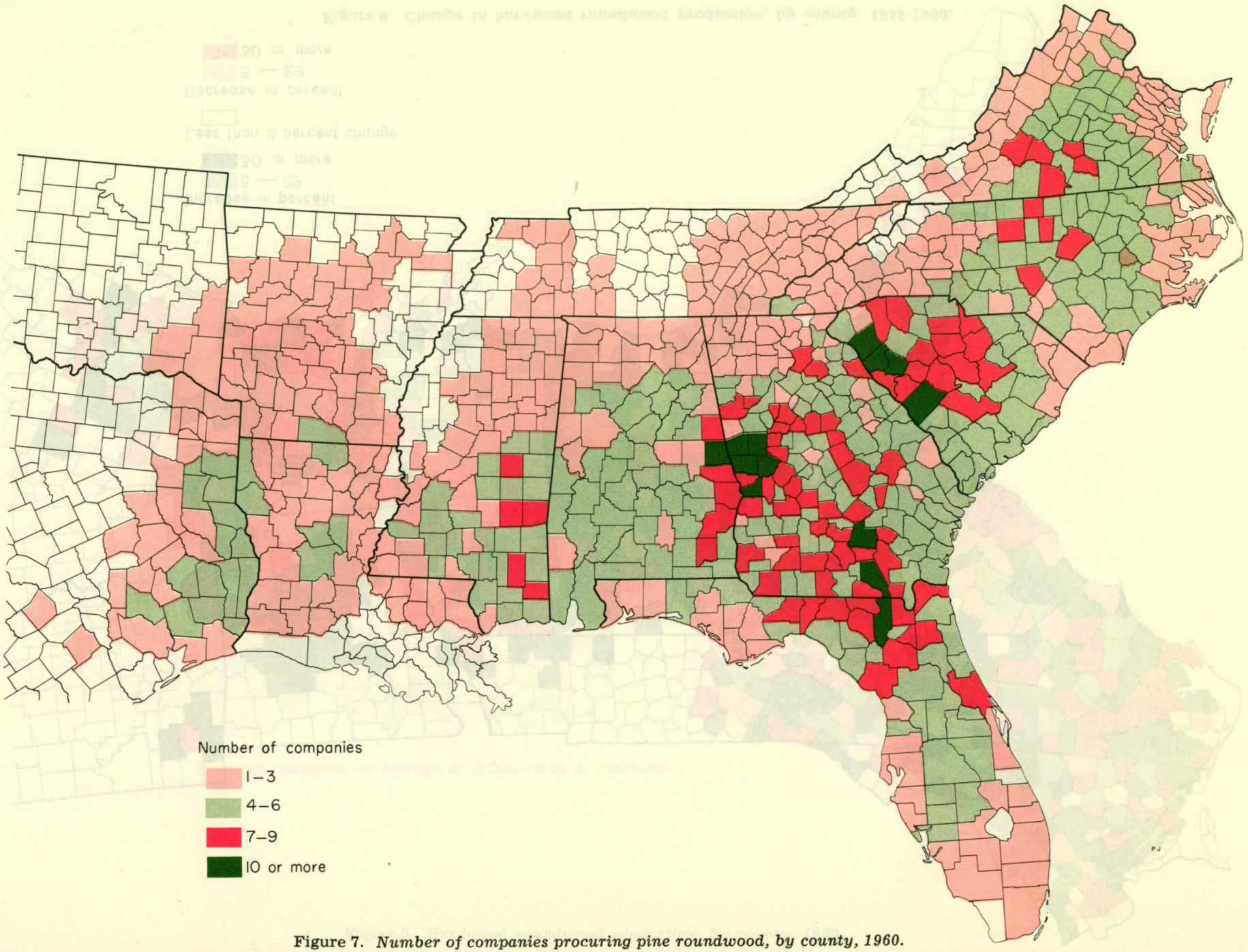

Figure 7. *Number of companies procuring pine roundwood, by county, 1960.*

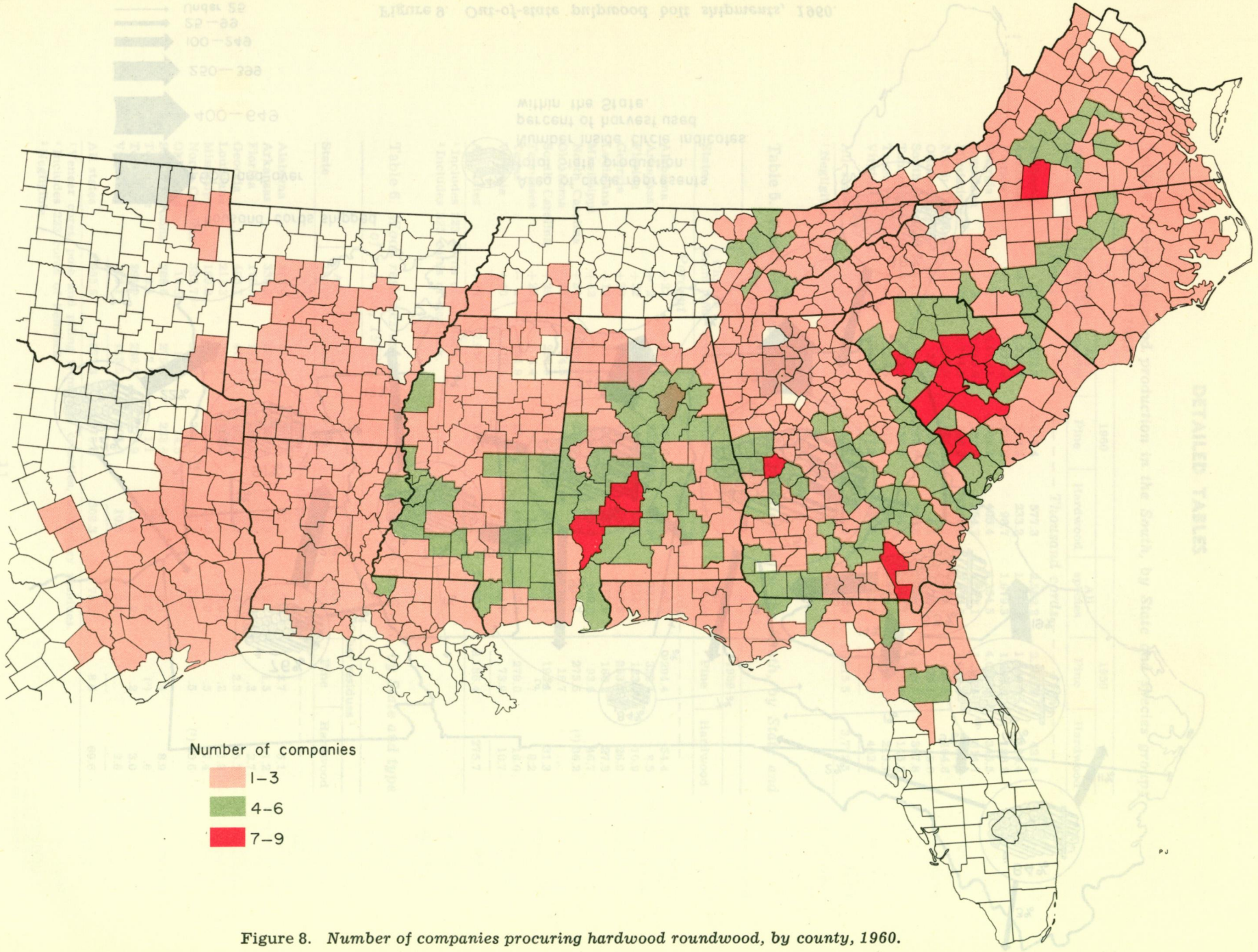

Figure 8. *Number of companies procuring hardwood roundwood, by county, 1960.*

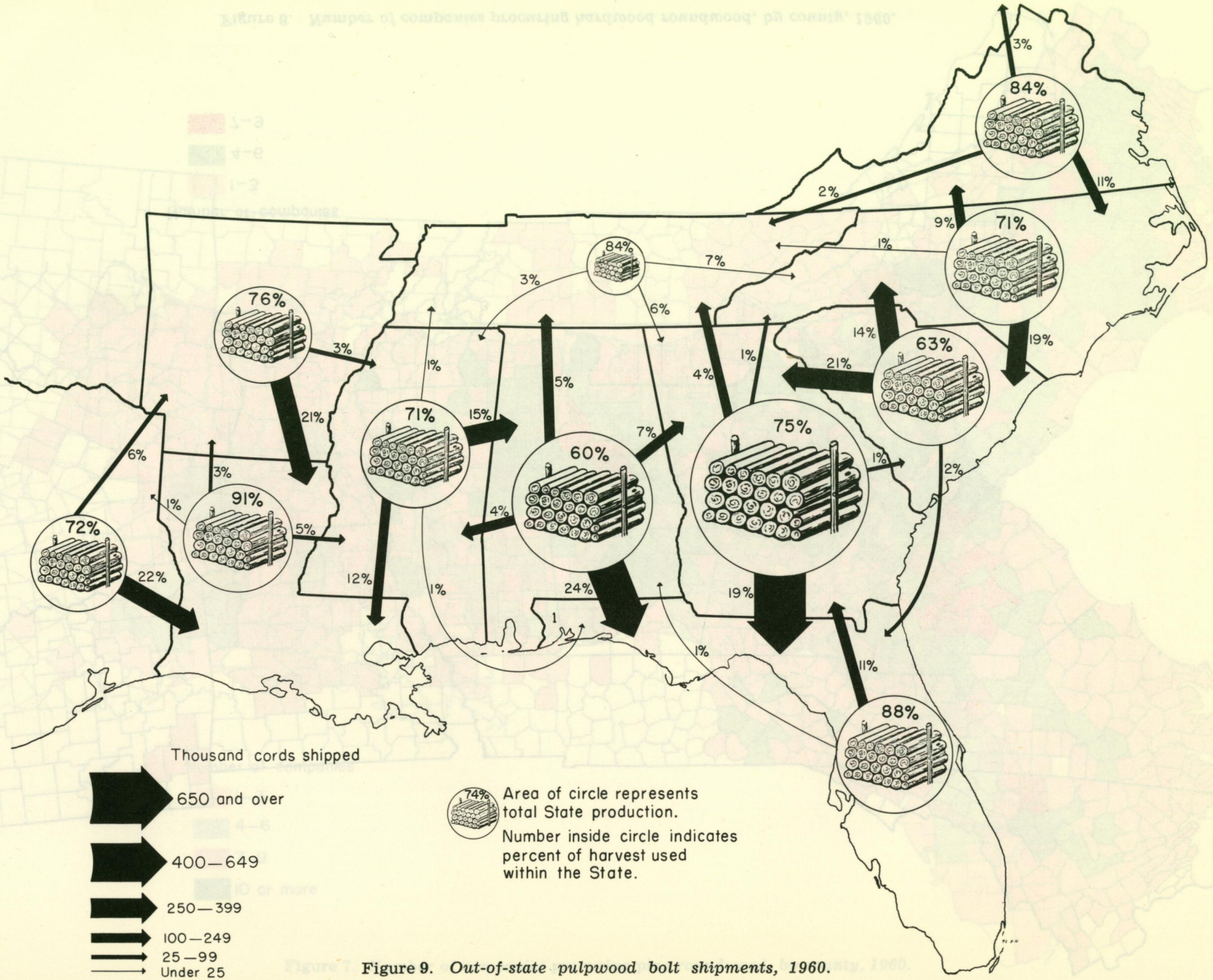

Figure 9. *Out-of-state pulpwood bolt shipments, 1960.*

DETAILED TABLES

Table 4. *Round pulpwood production in the South, by State and species group, 1960 and 1959*

State	Change from 1959	1960			1959		
		All species	Pine	Hardwood	All species	Pine	Hardwood
	Percent	*Thousand cords*					
Alabama	(1)	2,593.7	2,016.4	577.3	2,582.2	2,150.7	431.5
Arkansas	+ 2	1,216.4	983.2	233.2	1,192.4	1,002.0	190.4
Florida	− 3	1,923.9	1,825.2	98.7	1,979.3	1,882.5	96.8
Georgia	+ 1	4,410.1	4,004.7	405.4	4,354.5	4,009.0	345.5
Louisiana	+ 2	1,645.6	1,290.9	354.7	1,612.1	1,297.4	314.7
Mississippi	− 5	1,774.3	956.0	818.3	1,875.5	1,024.3	851.2
North Carolina	+ 3	1,887.9	1,486.2	401.7	1,834.1	1,429.5	404.6
Oklahoma	+ 1	38.6	30.1	8.5	38.1	29.1	9.0
South Carolina	+11	1,901.8	1,515.0	386.8	1,709.9	1,342.1	367.8
Tennessee	+ 2	353.4	188.8	164.6	346.1	200.8	145.3
Texas	+ 1	1,134.5	916.6	217.9	1,120.0	906.3	213.7
Virginia	+ 4	1,715.3	1,277.8	437.5	1,643.8	1,241.8	402.0
All states	+ 2	20,595.5	16,490.9	4,104.6	20,288.0	16,515.5	3,772.5

[1] Negligible.

Table 5. *Wood residues used for pulp manufacture in the South, by State and species group, 1960 and 1959*

State	Change from 1959	1960			1959		
		All species	Pine	Hardwood	All species	Pine	Hardwood
	Percent	*Thousand cords*					
Alabama	+22	426.0	354.6	71.4	348.8	294.4	54.4
Arkansas	+ 2	339.5	329.5	10.0	331.9	323.4	8.5
Florida	+32	176.5	164.0	12.5	134.1	123.2	10.9
Georgia	+30	495.7	439.7	56.0	380.6	353.7	26.9
Louisiana	+13	211.3	182.4	28.9	187.5	160.2	27.3
Mississippi	+42	199.3	152.7	46.6	140.3	93.6	46.7
North Carolina	+24	385.7	325.0	(1) 60.7	311.7	275.5	(2) 36.2
Oklahoma	−13	14.5	14.5	...	16.7	16.7	...
South Carolina	+29	288.6	239.0	49.6	223.4	192.1	31.3
Tennessee	+22	8.4	1.1	7.3	6.9	.7	6.2
Texas	− 1	291.9	276.1	15.8	295.6	279.0	16.6
Virginia	+40	118.1	105.0	13.1	84.6	73.9	10.7
All states	+20	2,955.5	2,583.6	371.9	2,462.1	2,186.4	275.7

[1] Includes 223 cords of hemlock.
[2] Includes 525 cords of hemlock.

Table 6. *Wood residues used for pulp manufacture in the South, by State and type of residue, 1960*

State	All types	Chips			Other residues [1]		
		All species	Pine	Hardwood	All species	Pine	Hardwood
	Thousand cords						
Alabama	426.0	418.2	351.9	66.3	7.8	2.7	5.1
Arkansas	339.5	336.8	328.0	8.8	2.7	1.5	1.2
Florida	176.5	173.5	163.7	9.8	3.0	.3	2.7
Georgia	495.7	477.7	437.4	40.3	18.0	2.3	15.7
Louisiana	211.3	209.3	182.2	27.1	2.0	.2	1.8
Mississippi	199.3	191.4	152.2	39.2	7.9	.5	7.4
North Carolina	385.7	364.6	324.5	40.1	21.1	.5	(2) 20.6
Oklahoma	14.5	14.5	14.5	...	...	...	...
South Carolina	288.6	279.3	238.6	40.7	9.3	.4	8.9
Tennessee	8.4	7.8	1.1	6.7	.6	(3)	.6
Texas	291.9	288.7	275.9	12.8	3.2	.2	3.0
Virginia	118.1	115.5	105.0	10.5	2.6	...	2.6
All states	2,955.5	2,877.3	2,575.0	302.3	78.2	8.6	69.6

[1] Veneer cores, pole and piling trim, cull crossties, secondary residues.
[2] Includes 223 cords of hemlock.
[3] Negligible.

Table 7. *Southern pulpwood production by State and survey region, 1960*

Round pulpwood and residues	Survey region [1]	All species	Pine	Hardwood
	Number	*Standard cords*		
SOUTH				
Roundwood		20,595,515	16,490,979	4,104,536
Wood residues		2,955,521	2,583,663	371,858
All pulpwood		23,551,036	19,074,642	4,476,394
SOUTHEASTERN STATION				
FLORIDA				
Roundwood	1	1,230,490	1,160,178	70,312
	2	523,554	495,328	28,226
	3	121,092	120,954	138
	4	48,756	48,756	...
Total		1,923,892	1,825,216	98,676
Wood residues		176,534	164,006	12,528
All pulpwood		2,100,426	1,989,222	111,204
GEORGIA				
Roundwood	1	1,860,776	1,608,941	251,835
	2	487,642	457,396	30,246
	3	1,236,181	1,159,894	76,287
	4	621,962	597,429	24,533
	5	203,567	181,047	22,520
Total		4,410,128	4,004,707	405,421
Wood residues		495,710	439,728	55,982
All pulpwood		4,905,838	4,444,435	461,403
NORTH CAROLINA				
Roundwood	1	609,614	517,577	92,037
	2	467,386	388,912	78,474
	3	505,023	427,422	77,601
	4	305,793	152,282	153,511
Total		1,887,816	1,486,193	401,623
Wood residues		385,748	324,995	60,753
All pulpwood		2,273,564	1,811,188	462,376
SOUTH CAROLINA				
Roundwood	1	491,731	404,712	87,019
	2	619,939	417,434	202,505
	3	790,187	692,892	97,295
Total		1,901,857	1,515,038	386,819
Wood residues		288,582	238,981	49,601
All pulpwood		2,190,439	1,754,019	436,420
VIRGINIA				
Roundwood	1	596,638	507,951	88,687
	2	530,615	446,196	84,419
	3	290,887	225,339	65,548
	4	245,459	81,361	164,098
	5	51,715	16,933	34,782
Total		1,715,314	1,277,780	437,534
Wood residues		118,064	105,058	13,006
All pulpwood		1,833,378	1,382,838	450,540

[1] For location of survey region, see figure 10.

Round pulpwood and residues	Survey region [1]	All species	Pine	Hardwood
	Number	*Standard cords*		
SOUTHERN STATION				
ALABAMA				
Roundwood	1	473,153	356,608	116,545
	2	611,527	381,347	230,180
	3	738,180	608,645	129,535
	4	255,115	201,731	53,384
	5	477,432	430,730	46,702
	6	38,257	37,299	958
Total		2,593,664	2,016,360	577,304
Wood residues		426,034	354,620	71,414
All pulpwood		3,019,698	2,370,980	648,718
ARKANSAS				
Roundwood	1	53,901	18,998	34,903
	2	2,344	64	2,280
	3	987,181	808,180	179,001
	4	134,398	121,276	13,122
	5	38,536	34,740	3,796
Total		1,216,360	983,258	233,102
Wood residues		339,561	329,494	10,067
All pulpwood		1,555,921	1,312,752	243,169
LOUISIANA				
Roundwood	1	109,378	34,759	74,619
	2	20,386	6,729	13,657
	3	371,785	323,826	47,959
	4	316,363	251,737	64,626
	5	827,687	673,912	153,775
Total		1,645,599	1,290,963	354,636
Wood residues		211,342	182,394	28,948
All pulpwood		1,856,941	1,473,357	383,584
MISSISSIPPI				
Roundwood	1	90,947	7,413	83,534
	2	108,844	39,751	69,093
	3	555,582	331,466	224,116
	4	613,447	387,567	225,880
	5	405,533	189,869	215,664
Total		1,774,353	956,066	818,287
Wood residues		199,268	152,681	46,587
All pulpwood		1,973,621	1,108,747	864,874
OKLAHOMA [2]				
Roundwood		38,593	30,097	8,496
Wood residues		14,462	14,462	...
All pulpwood		53,055	44,559	8,496
TENNESSEE				
Roundwood	1	18,939	8,088	10,851
	2	2,120	2,105	15
	3	...	...	...
	4	74,951	38,730	36,221
	5	257,412	139,831	117,581
Total		353,422	188,754	164,668
Wood residues		8,356	1,133	7,223
All pulpwood		361,778	189,887	171,891
TEXAS				
Roundwood	1	701,575	528,353	173,222
	2	411,375	371,819	39,556
	3	21,567	16,375	5,192
Total		1,134,517	916,547	217,970
Wood residues		291,860	276,111	15,749
All pulpwood		1,426,377	1,192,658	233,719

[2] All units.

Table 8. *Southern pulpwood production by Experiment Station territory, 1960*

Station and source of wood	All species	Pine	Hardwood
	– – – Standard cords – – –		
Southeastern			
Roundwood	11,839,007	10,108,934	1,730,073
Residues	1,464,638	1,272,768	191,870
Total	13,303,645	11,381,702	1,921,943
Southern			
Roundwood	8,756,508	6,382,045	2,374,463
Residues	1,490,883	1,310,895	179,988
Total	10,247,391	7,692,940	2,554,451
All pulpwood	23,551,036	19,074,642	4,476,394

Table 9. *Round pulpwood production in Alabama, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Autauga	10,048	8,723	1,325
Baldwin	154,694	112,041	42,653
Barbour	36,133	30,824	5,309
Bibb	32,535	25,405	7,130
Blount	15,689	15,274	415
Bullock	31,356	27,886	3,470
Butler	55,836	39,425	16,411
Calhoun	25,214	22,263	2,951
Chambers	36,060	33,677	2,383
Cherokee	21,768	18,001	3,767
Chilton	26,243	22,884	3,359
Choctaw	111,156	50,080	61,076
Clarke	100,115	61,851	38,264
Clay	35,841	30,235	5,606
Cleburne	27,497	25,667	1,830
Coffee	31,621	27,096	4,525
Colbert	1,003	999	4
Conecuh	75,738	60,039	15,699
Coosa	67,709	59,387	8,322
Covington	42,413	37,967	4,446
Crenshaw	24,243	17,687	6,556
Cullman	14,426	14,407	19
Dale	32,543	30,307	2,236
Dallas	31,490	22,446	9,044
De Kalb	13,648	12,829	819
Elmore	29,020	27,460	1,560
Escambia	62,245	48,403	13,842
Etowah	28,617	26,659	1,958
Fayette	23,521	22,885	636
Franklin	3,429	3,422	7
Geneva	14,757	13,487	1,270
Greene	29,084	21,985	7,099
Hale	23,340	17,079	6,261
Henry	49,854	42,276	7,578
Houston	19,376	15,949	3,427
Jackson	5,836	5,836	...
Jefferson	43,299	41,167	2,132
Lamar	13,138	12,361	777
Lauderdale	16	16	...
Lawrence	793	781	12
Lee	45,771	39,510	6,261
Limestone	1,436	1,436	...
Lowndes	52,818	39,456	13,362
Macon	24,817	24,025	792
Madison	1,617	1,583	34
Marengo	88,737	54,698	34,039
Marion	6,569	6,331	238
Marshall	7,243	7,161	82
Mobile	120,163	88,070	32,093
Monroe	100,387	76,134	24,253
Montgomery	35,440	26,206	9,234
Morgan	3,236	3,236	...
Perry	30,305	20,261	10,044
Pickens	42,974	31,366	11,608
Pike	44,101	24,827	19,274
Randolph	49,065	47,113	1,952
Russell	39,905	36,455	3,450
St. Clair	31,760	28,090	3,670
Shelby	45,353	39,325	6,028
Sumter	44,243	27,164	17,079
Talladega	35,703	30,378	5,325
Tallapoosa	66,748	58,039	8,709
Tuscaloosa	53,649	44,058	9,591
Walker	27,937	25,409	2,528
Washington	93,638	70,127	23,511
Wilcox	91,151	51,381	39,770
Winston	7,554	7,355	199
All counties	2,593,664	2,016,360	577,304

Table 10. *Round pulpwood production in Arkansas, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Arkansas	...	...	...
Ashley	94,042	61,517	32,525
Baxter	...	...	...
Benton	...	...	...
Boone	...	...	...
Bradley	56,742	49,065	7,677
Calhoun	53,273	50,345	2,928
Carroll	...	...	...
Chicot	10,669	130	10,539
Clark	56,201	42,601	13,600
Clay	...	...	...
Cleburne	3,650	3,650	...
Cleveland	33,246	28,237	5,009
Columbia	65,936	58,881	7,055
Conway	5,582	4,716	866
Craighead	19	19	...
Crawford	2,211	2,211	...
Crittenden	2,280	...	2,280
Cross	...	...	...
Dallas	63,373	52,149	11,224
Desha	11,265	...	11,265
Drew	60,291	32,754	27,537
Faulkner	559	267	292
Franklin	536	536	...
Fulton	...	...	...
Garland	20,086	18,616	1,470
Grant	97,095	82,654	14,441
Greene	...	...	...
Hempstead	31,175	22,134	9,041
Hot Spring	43,979	34,180	9,799
Howard	20,371	16,654	3,717
Independence	2,056	2,056	...
Izard	...	...	...
Jackson	...	...	...
Jefferson	16,044	11,972	4,072
Johnson	7,304	7,273	31
Lafayette	37,644	29,797	7,847
Lawrence	45	45	...
Lee	4,402	...	4,402
Lincoln	9,567	6,896	2,671
Little River	13,449	13,149	300
Logan	7,738	7,670	68
Lonoke	...	...	...
Madison	...	...	...
Marion	...	...	...
Miller	27,582	24,900	2,682
Mississippi	...	...	...
Monroe	...	...	...
Montgomery	28,883	25,283	3,600
Nevada	21,394	19,650	1,744
Newton	4	4	...
Ouachita	63,604	53,709	9,895
Perry	19,694	19,538	156
Phillips	1,954	...	1,954
Pike	24,250	19,244	5,006
Poinsett	...	...	...
Polk	8,336	8,336	...
Pope	12,440	11,592	848
Prairie	...	...	...
Pulaski	3,844	3,758	86
Randolph	...	...	...
St. Francis	...	...	...
Saline	29,000	21,835	7,165
Scott	696	696	...
Searcy	...	...	...
Sebastian	...	...	...
Sevier	17,305	15,909	1,396
Sharp	58	58	...
Stone	276	276	...
Union	106,229	100,651	5,578
Van Buren	198	198	...
Washington	...	...	...
White	3,662	1,903	1,759
Woodruff	...	...	...
Yell	16,121	15,544	577
All counties	1,216,360	983,258	233,102

Table 11. *Round pulpwood production in Florida, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Alachua	47,658	47,585	73
Baker	93,851	93,719	132
Bay	36,780	36,546	234
Bradford	44,506	44,326	180
Brevard	6,997	6,997	...
Broward	27	27	...
Calhoun	27,601	24,106	3,495
Charlotte	10,461	10,461	...
Citrus	4,880	4,880	...
Clay	59,279	58,606	673
Collier	8,931	8,931	...
Columbia	78,171	71,561	6,610
Dade	12,401	12,401	...
De Soto	6,426	6,426	...
Dixie	35,988	32,988	3,000
Duval	53,065	47,463	5,602
Escambia	61,857	59,836	2,021
Flagler	66,623	65,940	683
Franklin	22,640	22,634	6
Gadsden	28,898	26,063	2,835
Gilchrist	11,079	7,055	4,024
Glades	427	427	...
Gulf	17,720	16,804	916
Hamilton	102,931	99,663	3,268
Hardee	4,916	4,916	...
Hendry	6,558	6,558	...
Hernando	8,753	8,753	...
Highlands	2,411	2,411	...
Hillsborough	8,003	8,003	...
Holmes	30,587	27,904	2,683
Indian River	...	...	...
Jackson	41,597	33,029	8,568
Jefferson	23,055	22,784	271
Lafayette	17,407	17,407	...
Lake	12,141	12,141	...
Lee	6,379	6,379	...
Leon	27,746	27,746	...
Levy	35,674	31,604	4,070
Liberty	20,243	19,317	926
Madison	46,648	46,212	436
Manatee	2,472	2,472	...
Marion	69,299	57,773	11,526
Martin	850	850	...
Monroe	...	...	...
Nassau	101,948	87,914	14,034
Okaloosa	15,056	14,781	275
Okeechobee	985	985	...
Orange	1,032	1,032	...
Osceola	17,287	17,287	...
Palm Beach	2,722	2,722	...
Pasco	4,772	4,772	...
Pinellas	477	477	...
Polk	24,872	24,872	...
Putnam	115,609	105,060	10,549
St. Johns	71,819	69,528	2,291
St. Lucie	1,101	1,101	...
Santa Rosa	64,148	63,095	1,053
Sarasota	753	753	...
Seminole	9,335	9,335	...
Sumter	3,479	3,341	138
Suwannee	30,084	27,050	3,034
Taylor	86,816	86,689	127
Union	13,052	13,052	...
Volusia	48,983	48,983	...
Wakulla	24,547	24,227	320
Walton	49,609	47,176	2,433
Washington	31,470	29,280	2,190
All counties	1,923,892	1,825,216	98,676

Table 12. *Round pulpwood production in Georgia, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Appling	96,698	92,045	4,653
Atkinson	67,083	64,062	3,021
Bacon	53,615	51,561	2,054
Baker	4,498	4,354	144
Baldwin	30,014	26,607	3,407
Banks	2,478	2,474	4
Barrow	9,997	9,880	117
Bartow	18,061	16,194	1,867
Ben Hill	23,831	22,517	1,314
Berrien	59,255	53,714	5,541
Bibb	9,654	7,047	2,607
Bleckley	5,234	3,855	1,379
Brantley	87,705	82,156	5,549
Brooks	18,923	18,202	721
Bryan	64,678	52,019	12,659
Bulloch	43,144	33,163	9,981
Burke	17,921	14,913	3,008
Butts	25,724	25,588	136
Calhoun	8,584	8,229	355
Camden	126,694	105,862	20,832
Candler	11,588	10,676	912
Carroll	47,501	46,760	741
Catoosa	2,174	1,673	501
Charlton	82,374	79,106	3,268
Chatham	18,916	12,034	6,882
Chattahoochee	27,174	26,942	232
Chattooga	8,903	8,175	728
Cherokee	14,878	13,898	980
Clarke	5,584	5,547	37
Clay	11,081	10,071	1,010
Clayton	9,447	9,387	60
Clinch	86,157	84,984	1,173
Cobb	. . .	. . .	. . .
Coffee	62,260	57,712	4,548
Colquitt	34,250	32,266	1,984
Columbia	33,281	31,183	2,098
Cook	17,295	17,271	24
Coweta	26,433	25,792	641
Crawford	27,984	24,973	3,011
Crisp	10,629	9,579	1,050
Dade	721	721	. . .
Dawson	3,273	3,231	42
Decatur	39,289	37,543	1,746
De Kalb	2,661	2,661	. . .
Dodge	51,158	46,599	4,559
Dooly	14,443	13,629	814
Dougherty	21,422	21,351	71
Douglas	29,977	29,069	908
Early	13,284	11,066	2,218
Echols	20,151	20,101	50
Effingham	45,328	37,536	7,792
Elbert	28,156	21,345	6,811
Emanuel	42,045	36,959	5,086
Evans	15,193	12,880	2,313
Fannin	8,700	7,098	1,602
Fayette	31,669	31,507	162
Floyd	36,137	32,760	3,377
Forsyth	4,543	4,380	163
Franklin	10,936	10,337	599
Fulton	8,728	8,129	599
Gilmer	11,328	11,328	. . .
Glascock	3,439	3,215	224
Glynn	53,042	37,286	15,756
Gordon	18,164	16,758	1,406
Grady	31,623	28,729	2,894
Greene	49,273	45,115	4,158
Gwinnett	28,343	27,717	626
Habersham	10,954	10,796	158
Hall	19,569	19,383	186
Hancock	49,560	48,359	1,201
Haralson	15,650	14,996	654
Harris	58,324	56,367	1,957
Hart	5,556	5,405	151
Heard	13,379	13,045	334
Henry	26,500	26,057	443
Houston	30,097	26,421	3,676
Irwin	16,660	16,140	520
Jackson	16,524	14,725	1,799
Jasper	63,344	59,262	4,082
Jeff Davis	50,860	48,233	2,627
Jefferson	19,772	16,787	2,985
Jenkins	16,172	11,005	5,167
Johnson	4,383	3,940	443
Jones	53,965	48,220	5,745
Lamar	18,643	17,464	1,179
Lanier	30,407	28,953	1,454
Laurens	38,223	29,728	8,495
Lee	5,135	5,115	20
Liberty	83,077	43,063	40,014
Lincoln	10,020	9,602	418
Long	52,988	44,973	8,015
Lowndes	34,627	33,662	965
Lumpkin	5,671	5,632	39
Mc Duffie	34,509	33,115	1,394
Mc Intosh	36,052	27,574	8,478
Macon	21,850	20,949	901
Madison	10,757	10,693	64
Marion	19,091	18,883	208
Meriwether	38,693	37,944	749
Miller	12,566	12,566	. . .
Mitchell	18,264	17,304	960
Monroe	66,794	61,397	5,397
Montgomery	15,412	12,555	2,857
Morgan	27,385	27,162	223
Murray	6,305	5,533	772
Muscogee	14,952	14,333	619
Newton	35,571	34,308	1,263
Oconee	26,483	25,644	839
Oglethorpe	15,261	14,348	913
Paulding	24,389	23,950	439
Peach	13,383	12,330	1,053
Pickens	18,117	17,465	652
Pierce	81,457	80,374	1,083
Pike	15,546	15,406	140
Polk	16,487	15,465	1,022
Pulaski	5,339	5,065	274
Putnam	48,448	45,579	2,869
Quitman	4,885	4,364	521
Rabun	10,513	2,483	8,030
Randolph	19,682	17,815	1,867
Richmond	9,227	8,645	582
Rockdale	3,862	3,862	. . .
Schley	13,466	12,766	700
Screven	27,867	17,522	10,345
Seminole	19,509	18,444	1,065
Spalding	19,307	19,059	248
Stephens	6,245	5,427	818
Stewart	48,938	47,705	1,233
Sumter	25,668	25,250	418
Talbot	49,320	47,405	1,915
Taliaferro	11,906	10,806	1,100
Tattnall	33,382	27,768	5,614
Taylor	19,272	18,310	962

Table 12. *Round pulpwood production in Georgia, 1960* (Continued)

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Telfair	41,889	30,462	11,427
Terrell	4,915	4,807	108
Thomas	20,436	18,898	1,538
Tift	13,592	11,851	1,741
Toombs	36,766	26,499	10,267
Towns	...	...	...
Treutlen	15,436	11,833	3,603
Troup	48,099	44,450	3,649
Turner	16,219	14,422	1,797
Twiggs	26,478	24,564	1,914
Union	2,715	2,672	43
Upson	36,129	35,464	665
Walker	9,958	9,630	328
Walton	23,386	23,186	200
Ware	130,074	126,246	3,828
Warren	12,928	11,820	1,108
Washington	37,440	34,532	2,908
Wayne	122,569	114,478	8,091
Webster	16,283	16,283	...
Wheeler	46,340	35,947	10,393
White	1,674	1,666	8
Whitfield	9,076	7,907	1,169
Wilcox	23,944	22,345	1,599
Wilkes	33,444	31,569	1,875
Wilkinson	35,294	32,808	2,486
Worth	14,098	13,941	157
All counties	4,410,128	4,004,707	405,421

Table 13. *Round pulpwood production in Louisiana, 1960*

Parish	All species	Pine	Hardwood
	– – – Standard cords – – –		
Acadia	4,370	4,264	106
Allen	29,216	27,909	1,307
Ascension	254	...	254
Assumption	...	...	...
Avoyelles	1,889	1,546	343
Beauregard	18,123	15,603	2,520
Bienville	91,784	79,652	12,132
Bossier	53,947	44,909	9,038
Caddo	37,439	11,061	26,378
Calcasieu	9,837	9,837	...
Caldwell	27,862	24,939	2,923
Cameron	...	...	...
Catahoula	15,750	8,489	7,261
Claiborne	77,473	72,932	4,541
Concordia	18,014	3	18,011
De Soto	59,316	48,839	10,477
East Baton Rouge	5,043	220	4,823
East Carroll	3,257	...	3,257
East Feliciana	25,707	16,590	9,117
Evangeline	7,932	7,699	233
Franklin	3,849	1,626	2,223
Grant	35,470	28,547	6,923
Iberia	...	...	...
Iberville	617	...	617
Jackson	77,867	64,142	13,725
Jefferson	...	...	...
Jefferson Davis	3,396	2,830	566
Lafayette	10	...	10
Lafourche	...	...	...
La Salle	42,443	38,955	3,488
Lincoln	49,411	45,345	4,066
Livingston	82,978	64,036	18,942
Madison	6,799	127	6,672
Morehouse	46,186	24,081	22,105
Natchitoches	74,308	60,449	13,859
Orleans	31	31	...
Ouachita	32,557	23,752	8,805
Plaquemines	...	...	...
Pointe Coupee	2,659	...	2,659
Rapides	49,874	39,674	10,200
Red River	21,375	14,809	6,566
Richland	795	227	568
Sabine	59,891	53,095	6,796
St. Bernard	...	...	...
St. Charles	...	...	...
St. Helena	18,721	12,092	6,629
St. James	473	...	473
St. John the Baptist	579	...	579
St. Landry	424	191	233
St. Martin	...	...	...
St. Mary	...	...	...
St. Tammany	43,509	33,931	9,578
Tangipahoa	58,417	49,279	9,138
Tensas	13,937	...	13,937
Terrebonne	...	...	...
Union	146,295	113,566	32,729
Vermilion	...	...	...
Vernon	41,295	39,228	2,067
Washington	81,988	75,589	6,399
Webster	45,306	34,510	10,796
West Baton Rouge	3,173	...	3,173
West Carroll	791	206	585
West Feliciana	5,907	697	5,210
Winn	107,055	95,456	11,599
All parishes	1,645,599	1,290,963	354,636

Table 14. *Round pulpwood production in Mississippi, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Adams	31,457	5,068	26,389
Alcorn	2,048	2,032	16
Amite	37,695	19,109	18,586
Attala	23,134	9,893	13,241
Benton	95	35	60
Bolivar	7,592	...	7,592
Calhoun	2,443	169	2,274
Carroll	13,026	2,458	10,568
Chickasaw	465	281	184
Choctaw	12,123	5,021	7,102
Claiborne	36,926	8,770	28,156
Clarke	89,541	46,378	43,163
Clay	1,821	213	1,608
Coahoma	...	...	...
Copiah	56,178	27,323	28,855
Covington	32,133	19,999	12,134
De Soto	53	...	53
Forrest	24,829	16,174	8,655
Franklin	47,535	31,643	15,892
George	32,034	19,025	13,009
Greene	52,182	33,693	18,489
Grenada	4,665	364	4,301
Hancock	40,239	34,792	5,447
Harrison	32,168	28,127	4,041
Hinds	37,016	12,567	24,449
Holmes	21,829	6,120	15,709
Humphreys	2,729	...	2,729
Issaquena	13,179	...	13,179
Itawamba	833	833	...
Jackson	68,132	57,399	10,733
Jasper	67,868	40,804	27,064
Jefferson	37,929	20,164	17,765
Jefferson Davis	9,556	5,740	3,816
Jones	58,893	23,929	34,964
Kemper	41,842	28,943	12,899
Lafayette	5,903	396	5,507
Lamar	27,255	19,142	8,113
Lauderdale	44,258	28,477	15,781
Lawrence	38,121	19,240	18,881
Leake	38,991	20,290	18,701
Lee	41	41	...
Leflore	692	...	692
Lincoln	50,583	32,715	17,868
Lowndes	5,581	3,538	2,043
Madison	16,572	6,884	9,688
Marion	55,141	21,608	33,533
Marshall	6,350	2,114	4,236
Monroe	1,399	1,259	140
Montgomery	5,697	1,728	3,969
Neshoba	25,663	14,186	11,477
Newton	39,058	28,878	10,180
Noxubee	11,659	10,609	1,050
Oktibbeha	4,223	1,177	3,046
Panola	10,306	...	10,306
Pearl River	33,868	17,350	16,518
Perry	32,757	25,701	7,056
Pike	29,545	15,282	14,263
Pontotoc	2,306	2,306	...
Prentiss	2,402	2,402	...
Quitman	293	...	293
Rankin	46,055	28,636	17,419
Scott	32,077	20,090	11,987
Sharkey	1,516	16	1,500
Simpson	43,121	24,196	18,925
Smith	33,661	21,076	12,585
Stone	25,520	19,586	5,934
Sunflower	137	...	137
Tallahatchie	4,233	196	4,037
Tate	...	...	...
Tippah	306	278	28
Tishomingo	6,310	6,253	57
Tunica	1,980	...	1,980
Union	3,506	1,867	1,639
Walthall	13,079	6,254	6,825
Warren	26,639	997	25,642
Washington	5,422	...	5,422
Wayne	37,540	19,808	17,732
Webster	11,237	3,721	7,516
Wilkinson	24,097	10,344	13,753
Winston	18,654	9,010	9,644
Yalobusha	5,705	1,265	4,440
Yazoo	4,706	84	4,622
All counties	1,774,353	956,066	818,287

Table 15. *Round pulpwood production in North Carolina, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Alamance	3,407	3,071	336
Alexander	4,070	4,031	39
Alleghany	17	...	17
Anson	40,578	30,178	10,400
Ashe	...	...	...
Avery	1,448	...	1,448
Beaufort	63,026	56,773	6,253
Bertie	18,654	12,786	5,868
Bladen	47,834	39,896	7,938
Brunswick	64,169	55,018	9,151
Buncombe	55,248	20,781	34,467
Burke	18,635	16,317	2,318
Cabarrus	5,746	5,286	460
Caldwell	17,597	14,691	2,906
Camden	4,184	3,384	800
Carteret	32,476	32,063	413
Caswell	3,030	2,953	77
Catawba	2,683	1,931	752
Chatham	38,877	28,676	10,201
Cherokee	54,239	44,837	9,402
Chowan	6,691	3,576	3,115
Clay	7	4	3
Cleveland	11,068	10,862	206
Columbus	77,054	56,833	20,221
Craven	25,973	22,087	3,886
Cumberland	22,239	16,622	5,617
Currituck	3,400	3,000	400
Dare	...	...	...
Davidson	3,574	3,574	...
Davie	4,089	3,625	464
Duplin	24,836	22,491	2,345
Durham	15,711	15,625	86
Edgecombe	8,986	8,775	211
Forsyth	7,175	7,091	84
Franklin	28,810	24,365	4,445
Gaston	8,849	8,018	831
Gates	35,363	19,500	15,863
Graham	4,843	1,659	3,184
Granville	16,224	14,520	1,704
Greene	1,495	1,431	64
Guilford	11,933	11,590	343
Halifax	40,046	39,664	382
Harnett	20,196	18,896	1,300
Haywood	13,919	3,007	10,912
Henderson	25,908	6,946	18,962
Hertford	29,020	16,964	12,056
Hoke	7,961	7,470	491
Hyde	22,862	16,097	6,765
Iredell	40,116	23,545	16,571
Jackson	42,543	7,919	34,624
Johnston	13,512	11,640	1,872
Jones	39,022	36,255	2,767
Lee	8,759	7,257	1,502
Lenoir	12,632	12,026	606
Lincoln	2,466	2,176	290
Mc Dowell	15,789	12,441	3,348
Macon	14,029	3,389	10,640
Madison	9,350	5,388	3,962
Martin	23,622	22,729	893
Mecklenburg	28,609	22,892	5,717
Mitchell	1,359	...	1,359
Montgomery	6,639	6,237	402
Moore	25,397	23,847	1,550
Nash	16,958	13,771	3,187
New Hanover	4,189	3,848	341
Northampton	17,813	16,289	1,524
Onslow	66,791	60,846	5,945
Orange	10,359	9,768	591
Pamlico	10,396	8,994	1,402
Pasquotank	1,435	1,183	252
Pender	57,116	47,827	9,289
Perquimans	3,570	...	3,570
Person	13,422	13,422	...
Pitt	52,727	52,312	415
Polk	13,448	5,863	7,585
Randolph	10,764	10,395	369
Richmond	26,868	19,155	7,713
Robeson	20,597	14,690	5,907
Rockingham	16,299	15,903	396
Rowan	5,494	5,274	220
Rutherford	17,603	12,714	4,889
Sampson	42,929	39,293	3,636
Scotland	14,814	11,105	3,709
Stanly	13,149	12,274	875
Stokes	3,349	3,329	20
Surry	15,577	15,577	...
Swain	7,383	4,750	2,633
Transylvania	17,226	4,295	12,931
Tyrrell	22,466	17,764	4,702
Union	18,579	14,296	4,283
Vance	14,221	13,767	454
Wake	42,361	38,894	3,467
Warren	24,964	23,920	1,044
Washington	14,660	10,089	4,571
Watauga	37	...	37
Wayne	11,204	11,131	73
Wilkes	5,858	5,858	...
Wilson	13,058	11,112	1,946
Yadkin	1,780	1,780	...
Yancey	358	...	358
All counties	1,887,816	1,486,193	401,623

Table 16. *Round pulpwood production in Oklahoma, 1960*

County [1]	All species	Pine	Hardwood
	– – – Standard cords – – –		
Cherokee	3,036	. . .	3,036
Choctaw	1,551	1,551	. . .
Delaware	2,385	. . .	2,385
Le Flore	5,971	5,971	. . .
Mc Curtain	19,119	19,030	89
Mayes	1,493	. . .	1,493
Pushmataha	3,545	3,545	. . .
Rogers	1,493	. . .	1,493
All counties	38,593	30,097	8,496

[1] Counties with no pulpwood production are omitted.

Table 17. *Round pulpwood production in South Carolina, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Abbeville	45,088	43,250	1,838
Aiken	43,063	36,062	7,001
Allendale	26,721	19,892	6,829
Anderson	29,722	27,804	1,918
Bamberg	17,419	10,394	7,025
Barnwell	16,042	11,630	4,412
Beaufort	25,981	16,923	9,058
Berkeley	70,601	62,721	7,880
Calhoun	12,525	9,769	2,756
Charleston	49,377	44,119	5,258
Cherokee	19,045	17,806	1,239
Chester	67,740	57,113	10,627
Chesterfield	43,828	21,618	22,210
Clarendon	22,552	15,355	7,197
Colleton	126,720	118,275	8,445
Darlington	32,896	12,408	20,488
Dillon	10,894	6,784	4,110
Dorchester	45,830	41,093	4,737
Edgefield	52,574	44,420	8,154
Fairfield	112,419	97,532	14,887
Florence	37,040	23,379	13,661
Georgetown	61,059	39,082	21,977
Greenville	23,073	22,739	334
Greenwood	44,685	40,821	3,864
Hampton	46,887	37,754	9,133
Horry	30,616	22,208	8,408
Jasper	60,514	48,846	11,668
Kershaw	79,709	59,349	20,360
Lancaster	64,579	50,618	13,961
Laurens	48,051	40,457	7,594
Lee	24,013	8,922	15,091
Lexington	29,967	24,705	5,262
Mc Cormick	22,645	21,576	1,069
Marion	16,084	9,236	6,848
Marlboro	9,110	3,193	5,917
Newberry	85,172	76,535	8,637
Oconee	24,340	19,193	5,147
Orangeburg	40,062	29,369	10,693
Pickens	7,422	6,643	779
Richland	50,990	38,731	12,259
Saluda	23,191	21,765	1,426
Spartanburg	38,095	32,838	5,257
Sumter	26,847	16,737	10,110
Union	40,981	38,426	2,555
Williamsburg	54,323	33,592	20,731
York	41,365	33,356	8,009
All counties	1,901,857	1,515,038	386,819

Table 18. *Round pulpwood production in Tennessee, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Anderson	7,467	4,767	2,700
Bedford	...	...	...
Benton	1,438	1,438	...
Bledsoe	3,505	1,650	1,855
Blount	11,689	8,455	3,234
Bradley	12,702	7,784	4,918
Campbell	5,936	5,439	497
Cannon	...	...	...
Carroll	252	252	...
Carter	7,896	...	7,896
Cheatham	...	...	...
Chester	119	119	...
Claiborne	2,387	2,218	169
Clay	...	...	...
Cocke	15,210	11,438	3,772
Coffee	...	...	...
Crockett	...	...	...
Cumberland	16,912	5,077	11,835
Davidson	...	...	...
Decatur	129	129	...
De Kalb	...	...	...
Dickson	...	...	...
Dyer	...	...	...
Fayette	...	...	...
Fentress	3,728	3,129	599
Franklin	...	...	...
Gibson	...	...	...
Giles	...	...	...
Grainger	1,370	635	735
Greene	10,010	4,499	5,511
Grundy	2,342	2,342	...
Hamblen	641	340	301
Hamilton	8,705	7,524	1,181
Hancock	503	232	271
Hardeman	3,183	3,167	16
Hardin	129	122	7
Hawkins	15,257	3,798	11,459
Haywood	...	...	...
Henderson	3,598	3,580	18
Henry	258	258	...
Hickman	89	89	...
Houston	...	...	...
Humphreys	...	...	...
Jackson	...	...	...
Jefferson	387	74	313
Johnson	1,324	...	1,324
Knox	8,554	4,718	3,836
Lake	...	...	...
Lauderdale	...	...	...
Lawrence	275	267	8
Lewis	55	55	...
Lincoln	...	...	...
Loudon	1,788	728	1,060
McMinn	28,176	15,182	12,994
McNairy	54	34	20
Macon	...	...	...
Madison	20	20	...
Marion	3,140	3,140	...
Marshall	...	...	...
Maury	...	...	...
Meigs	10,047	6,051	3,996
Monroe	29,060	19,100	9,960
Montgomery	...	...	...
Moore	...	...	...
Morgan	21,777	5,714	16,063
Obion	640	640	...
Overton	1,539	1,507	32
Perry	...	...	...
Pickett	...	...	...
Polk	16,108	12,259	3,849
Putnam	928	928	...
Rhea	11,362	5,203	6,159
Roane	8,005	3,582	4,423
Robertson	...	...	...
Rutherford	...	...	...
Scott	11,859	6,544	5,315
Sequatchie	1,555	1,530	25
Sevier	8,324	6,788	1,536
Shelby	2,656	...	2,656
Smith	...	...	...
Stewart	...	...	...
Sullivan	13,991	1,855	12,136
Sumner	...	...	...
Tipton	8,141	...	8,141
Trousdale	...	...	...
Unicoi	4,535	...	4,535
Union	8,279	6,190	2,089
Van Buren	346	346	...
Warren	1,038	1,038	...
Washington	13,635	6,411	7,224
Wayne	5	5	...
Weakley	18	18	...
White	346	346	...
Williamson	...	...	...
Wilson	...	...	...
All counties	353,422	188,754	164,668

Table 19. *Round pulpwood production in Texas, 1960*

County [1]	All species	Pine	Hardwood
	— — — *Standard cords* — — —		
Anderson	14,498	12,920	1,578
Angelina	47,007	44,715	2,292
Austin	26	...	26
Bastrop	22	22	...
Bowie	11,552	11,345	207
Brazos	56	...	56
Camp	2,083	1,343	740
Cass	35,822	32,376	3,446
Chambers	2,483	1,693	790
Cherokee	41,250	39,405	1,845
Colorado	42	20	22
Falls	487	...	487
Fort Bend	867	...	867
Franklin	583	583	...
Gregg	8,817	7,536	1,281
Grimes	15,753	15,302	451
Hardin	42,747	27,383	15,364
Harris	25,593	16,987	8,606
Harrison	32,801	27,637	5,164
Houston	37,447	32,626	4,821
Jasper	75,976	59,509	16,467
Jefferson	1,165	27	1,138
Leon	257	108	149
Liberty	49,837	32,654	17,183
Mc Lennan	1,189	...	1,189
Madison	22	...	22
Marion	19,520	14,840	4,680
Montgomery	60,927	42,989	17,938
Morris	7,969	6,768	1,201
Nacogdoches	54,599	53,102	1,497
Newton	52,595	31,766	20,829
Orange	9,126	5,886	3,240
Panola	29,530	26,282	3,248
Polk	74,216	57,595	16,621
Red River	6,836	6,836	...
Robertson	273	...	273
Rusk	34,473	32,707	1,766
Sabine	35,133	27,387	7,746
San Augustine	46,511	34,344	12,167
San Jacinto	17,770	12,200	5,570
Shelby	66,820	57,223	9,597
Smith	8,694	6,850	1,844
Titus	464	464	...
Trinity	39,022	36,053	2,969
Tyler	43,902	30,924	12,978
Upshur	35,064	33,602	1,462
Walker	40,118	33,615	6,503
Waller	2,472	923	1,549
Washington	101	...	101
All counties	1,134,517	916,547	217,970

[1] Counties with no pulpwood production are omitted.

Table 20. *Round pulpwood production in Virginia, 1960*

County	All species	Pine	Hardwood
	– – – Standard cords – – –		
Accomack	5,993	5,993	...
Albemarle	26,151	24,383	1,768
Alleghany	49,091	9,019	40,072
Amelia	23,325	21,703	1,622
Amherst	67,431	32,308	35,123
Appomattox	43,117	28,457	14,660
Arlington	30	30	...
Augusta	13,914	5,102	8,812
Bath	39,355	3,389	35,966
Bedford	53,702	38,610	15,092
Bland	100	48	52
Botetourt	25,974	10,131	15,843
Brunswick	87,017	71,568	15,449
Buchanan	...	...	...
Buckingham	68,727	43,940	24,787
Campbell	61,858	53,553	8,305
Caroline	29,970	27,660	2,310
Carroll	1,840	1,840	...
Charles City	20,263	16,895	3,368
Charlotte	29,069	27,011	2,058
Chesterfield	24,709	19,379	5,330
Clarke	...	...	...
Craig	22,333	7,147	15,186
Culpeper	9,926	9,104	822
Cumberland	17,617	15,460	2,157
Dickenson	...	...	...
Dinwiddie	43,539	39,315	4,224
Elizabeth City	186	146	40
Essex	10,012	9,012	1,000
Fairfax	8,068	8,068	...
Fauquier	4,123	4,123	...
Floyd	732	732	...
Fluvanna	24,350	18,328	6,022
Franklin	28,061	27,434	627
Frederick	16,677	15,136	1,541
Giles	69	...	69
Gloucester	15,409	14,612	797
Goochland	21,789	19,794	1,995
Grayson	1	...	1
Greene	3,.881	3,681	200
Greensville	31,251	28,503	2,748
Halifax	28,283	28,098	185
Hanover	17,142	16,967	175
Henrico	5,631	5,531	100
Henry	22,482	22,398	84
Highland	11,330	455	10,875
Isle of Wight	10,832	6,586	4,246
James City	6,276	5,818	458
King and Queen	27,572	26,072	1,500
King George	20	20	...
King William	22,422	20,422	2,000
Lancaster	12,982	12,982	...
Lee	6,127	...	6,127
Loudoun	488	488	...
Louisa	14,803	13,091	1,712
Lunenburg	18,492	17,241	1,251
Madison	3,943	3,890	53
Mathews	2,228	2,028	200
Mecklenburg	20,268	18,345	1,923
Middlesex	10,626	9,626	1,000
Montgomery	4,328	4,328	...
Nansemond	17,725	10,636	7,089
Nelson	30,029	18,235	11,794
New Kent	25,693	22,710	2,983
Norfolk	611	482	129
Northampton	98	98	...
Northumberland	3,852	3,852	...
Nottoway	26,466	20,643	5,823
Orange	9,485	8,024	1,461
Page	606	375	231
Patrick	4,879	4,879	...
Pittsylvania	39,828	36,474	3,354
Powhatan	14,335	13,560	775
Prince Edward	30,106	28,390	1,716
Prince George	31,410	27,008	4,402
Prince William	25,318	25,266	52
Princess Anne	218	218	...
Pulaski	...	...	...
Rappahannock	65	65	...
Richmond	12,472	12,472	...
Roanoke	4,181	4,110	71
Rockbridge	43,327	10,663	32,664
Rockingham	9,561	7,528	2,033
Russell	495	...	495
Scott	16,954	...	16,954
Shenandoah	6,278	5,784	494
Smyth	18	...	18
Southampton	40,924	27,280	13,644
Spotsylvania	25,755	21,246	4,509
Stafford	15,252	15,215	37
Surry	19,267	12,697	6,570
Sussex	42,139	33,534	8,605
Tazewell	...	...	...
Warren	2,832	2,522	310
Warwick	552	532	20
Washington	7,561	2,959	4,602
Westmoreland	9,257	9,257	...
Wise	6,464	...	6,464
Wythe	7,026	7,026	...
York	8,340	8,040	300
All counties	1,715,314	1,277,780	437,534

Table 21. *Mills using southern pulpwood in 1960, by process and capacity*

Location	Map code [1]	Company	Pulp capacity, 24 hours [2]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			Tons				
ALABAMA							
Brewton	(1)	Container Corp. of America	300	300	...	...	...
Coosa Pines	(2)	Coosa River Newsprint Co.	960	320	640	...	...
Demopolis	(3)	Gulf States Paper Corp.	400	400	...	...	...
Tuscaloosa	(4)	Gulf States Paper Corp.	400	400	...	...	...
Mobile	(5)	International Paper Co.	1,315	1,015	300	...	...
Naheola	(6)	Marathon Southern Corp.	420	420	...	...	...
Mobile	(7)	National Gypsum Co.	300	...	150	150	...
Mobile	(8)	The Ruberoid Co.	48	...	48	...	...
Mobile	(9)	Scott Paper Co.	550	550	...	...	...
		Total	4,693	3,405	1,138	150	...
ARKANSAS							
Crossett	(10)	Crossett Paper Mills	655	575	...	80	...
Pine Bluff	(11)	Dierks Paper Co.	150	150	...	...	...
Camden	(12)	International Paper Co.	615	615	...	...	...
Pine Bluff	(13)	International Paper Co.	1,105	745	360	...	...
		Total	2,525	2,085	360	80	...
FLORIDA							
Pensacola	(14)	Armstrong Cork Co.	130	...	130	...	...
Foley	(15)	The Buckeye Cellulose Corp.	880	880	...	...	...
Fernandina	(16)	Container Corp. of America	650	650	...	...	...
Palatka	(17)	Hudson Pulp and Paper Corp.	850	850	...	...	...
Panama City	(18)	International Paper Co.	1,620	1,620	...	...	...
Jacksonville	(19)	Owens-Illinois Glass Co.	500	500	...	...	...
Fernandina	(20)	Rayonier, Inc.	350	...	...	...	350
Port St. Joe	(21)	St. Joe Paper Co.	1,200	1,200	...	...	...
Jacksonville	(22)	St. Regis Paper Co.	1,500	1,500	...	...	...
Pensacola	(23)	St. Regis Paper Co.	750	750	...	...	...
		Total	8,430	7,950	130	...	350
GEORGIA							
Macon	(24)	Armstrong Cork Co.	200	...	200	...	...
Brunswick	(25)	Brunswick Pulp and Paper Co.	550	550	...	...	...
Savannah	(26)	Certain-teed Products Corp.	65	...	65	...	...
Augusta	(27)	Continental Can Co.	475	350	...	125	...
Savannah	(28)	Continental Can Co.	600	600	...	...	...
Macon	(29)	Georgia Kraft Co.	675	675	...	...	...
Valdosta	(30)	Owens-Illinois Glass Co.	630	630	...	...	...
Jesup	(31)	Rayonier, Inc.	675	675	...	...	...
Rome	(32)	Rome Kraft Co.	740	740	...	...	...
Savannah	(33)	The Ruberoid Co.	100	...	100	...	...
St. Marys	(34)	St. Marys Kraft Corp.	800	800	...	...	...
Savannah	(35)	Union Bag-Camp Paper Corp.	2,575	2,175	...	400	...
		Total	8,085	7,195	365	525	...
ILLINOIS							
Alton	(36)	Alton Box Board Co.	250	...	...	250	...
Wilmington	(37)	Lehon Company	70	...	...	70	...
		Total	320	...	...	320	...
LOUISIANA							
Shreveport	(38)	Bird and Son	60	...	...	60	...
Elizabeth	(39)	Calcasieu Paper Co.	240	240	...	...	...
Hodge	(40)	Continental Can Co., Inc.	640	500	...	140	...
Bogalusa	(41)	Crown Zellerbach Corp.	1,175	1,040	...	135	...
New Orleans	(42)	Flintcote Co.	60	...	60	...	...
Bastrop	(43)	International Paper Co. (Bastrop Mill)	590	...	...	590	...
Bastrop	(44)	International Paper Co. (Louisiana Mill)	615	580	35	...	...
Springhill	(45)	International Paper Co.	1,500	1,500	...	...	...
West Monroe	(46)	Olin Mathieson Chemical Corp.	650	650	...	...	...
St. Francisville	(47)	St. Francisville Paper Co.	235	...	235	...	...
		Total	5,765	4,510	330	925	...
MARYLAND							
Luke	(48)	West Virginia Pulp and Paper Co.	600	600	...	...	...
		Total	600	600	...	...	...

Table 21. *Mills using southern pulpwood in 1960, by process and capacity* (Continued)

Location	Map code [1]	Company	Pulp capacity, 24 hours [2]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			Tons				
MISSISSIPPI							
Meridian	(49)	Flintkote Co.	133	...	133	...	...
Moss Point	(50)	International Paper Co.	650	650	...	...	...
Natchez	(51)	International Paper Co.	900	900	...	...	...
Natchez	(52)	Johns-Manville Products Corp.	350	...	230	120	...
Meridian	(53)	Kroehler Mfg. Co. of Miss., Inc. [3]	80	...	80	...	...
Laurel	(54)	Masonite Corporation	800	...	800	...	...
Greenville	(55)	United States Gypsum Co.	180	...	180	...	...
		Total	3,093	1,550	1,423	120	...
NORTH CAROLINA							
Canton	(56)	Champion Paper and Fibre Co.	980	930	...	50	...
Roanoke Rapids	(57)	Halifax Paper Co.	750	750	...	...	...
Sylva	(58)	The Mead Corporation	225	...	...	225	...
Acme	(59)	Riegel Carolina Corp.	725	645	...	80	...
Plymouth	(60)	Weyerhaeuser Co., N. C. Div.	1,450	1,125	...	325	...
		Total	4,130	3,450	...	680	...
OHIO							
Cincinnati	(61)	Philip Carey Mfg. Co.	200	...	200	...	...
Chillicothe	(62)	The Mead Corporation	210	...	...	...	210
		Total	410	...	200	...	210
OKLAHOMA							
Pryor	(63)	Bestwall Gypsum Co.	90	...	...	90	...
		Total	90	...	...	90	...
PENNSYLVANIA							
York Haven	(64)	International Paper Co.	65	...	20	...	45
Spring Grove	(65)	P. H. Glatfelter Co.	190	190	...	...	...
		Total	255	190	20	...	45
SOUTH CAROLINA							
Catawba	(66)	Bowater Board Co.	200	...	200	...	...
Catawba	(67)	Bowaters Carolina Corp.	400	400	...	...	...
Georgetown	(68)	International Paper Co.	1,990	1,455	...	535	...
Hartsville	(69)	Sonoco Products Co.	700	...	...	700	...
Charleston	(70)	West Virginia Pulp and Paper Co.	1,550	1,290	...	260	...
		Total	4,840	3,145	200	1,495	...
TENNESSEE							
Calhoun	(71)	Bowaters Southern Paper Corp.	1,375	450	750	...	175
Harriman	(72)	The Mead Corporation	112	...	...	112	...
Kingsport	(73)	The Mead Corporation	240	...	...	...	240
Knoxville	(74)	Southern Extract Co.	130	...	...	130	...
Counce	(75)	Tennessee River Pulp & Paper Co.	500	500	...	...	...
		Total	2,357	950	750	242	415
TEXAS							
Pasadena	(76)	Champion Paper and Fibre Co.	720	670	50	...	...
Evadale	(77)	East Texas Pulp and Paper Co.	425	425	...	...	...
Dallas	(78)	The Ruberoid Co.	40	...	40	...	...
Diboll	(79)	Southern Pine Lumber Co.	130	...	...	130	...
Lufkin	(80)	Southland Paper Mills	1,250	400	850	...	...
		Total	2,565	1,495	940	130	...
VIRGINIA							
West Point	(81)	The Chesapeake Corp. of Virginia	675	675	...	...	...
Hopewell	(82)	Continental Can Co., Inc.	850	700	...	150	...
Columbia	(83)	James River Pulp Corp.	25	...	25	...	...
Lynchburg	(84)	The Mead Corporation	175	...	...	175	...
Big Island	(85)	Owens-Illinois Glass Co.	235	...	...	235	...
Jarratt Franklin	(86)	Southern Johns-Manville Products Corp.	200	...	200	...	...
Covington	(87)	Union Bag-Camp Paper Co.	600	600	...	...	...
	(88)	West Virginia Pulp and Paper Co.	980	660	...	320	...
		Total	3,740	2,635	225	880	...
		All states	51,898	39,160	6,081	5,637	1,020

[1] Corresponds to numbers at mill locations in figures 10 and 11.

[2] **Southern Pulp and Paper Manufacturer**, vol. 23, no. 10 (Oct. 1, 1960); and other sources.

[3] Operate exclusively on secondary wood residues.

Table 22. *Pulpmills under construction or announced in the South*

State and plant location	Map code [1]	Company	Pulp capacity 24 hrs. [2]
ALABAMA			
Phenix City	(89)	Dixie Pulp and Paper Co.	300
FLORIDA			
Port St. Joe	(90)	Florida Gulf Fibre Co.	450
GEORGIA			
Cedar Springs	(91)	Southern Land, Timber, and Pulp Corp.	600
LOUISIANA			
Baton Rouge	(92)	Noralyn Paper Mills, Inc.	150
MISSISSIPPI			
Lumberton	(93)	Lumberton Pulp Co.	100
OKLAHOMA			
Haileyville	(94)	Dierks Forests, Inc.	. . .

[1] Corresponds to numbers at mill locations in figure 10.
[2] **Southern Pulp and Paper Manufacturer, vol. 23, no. 10** (Oct. 1, 1960); and other sources.

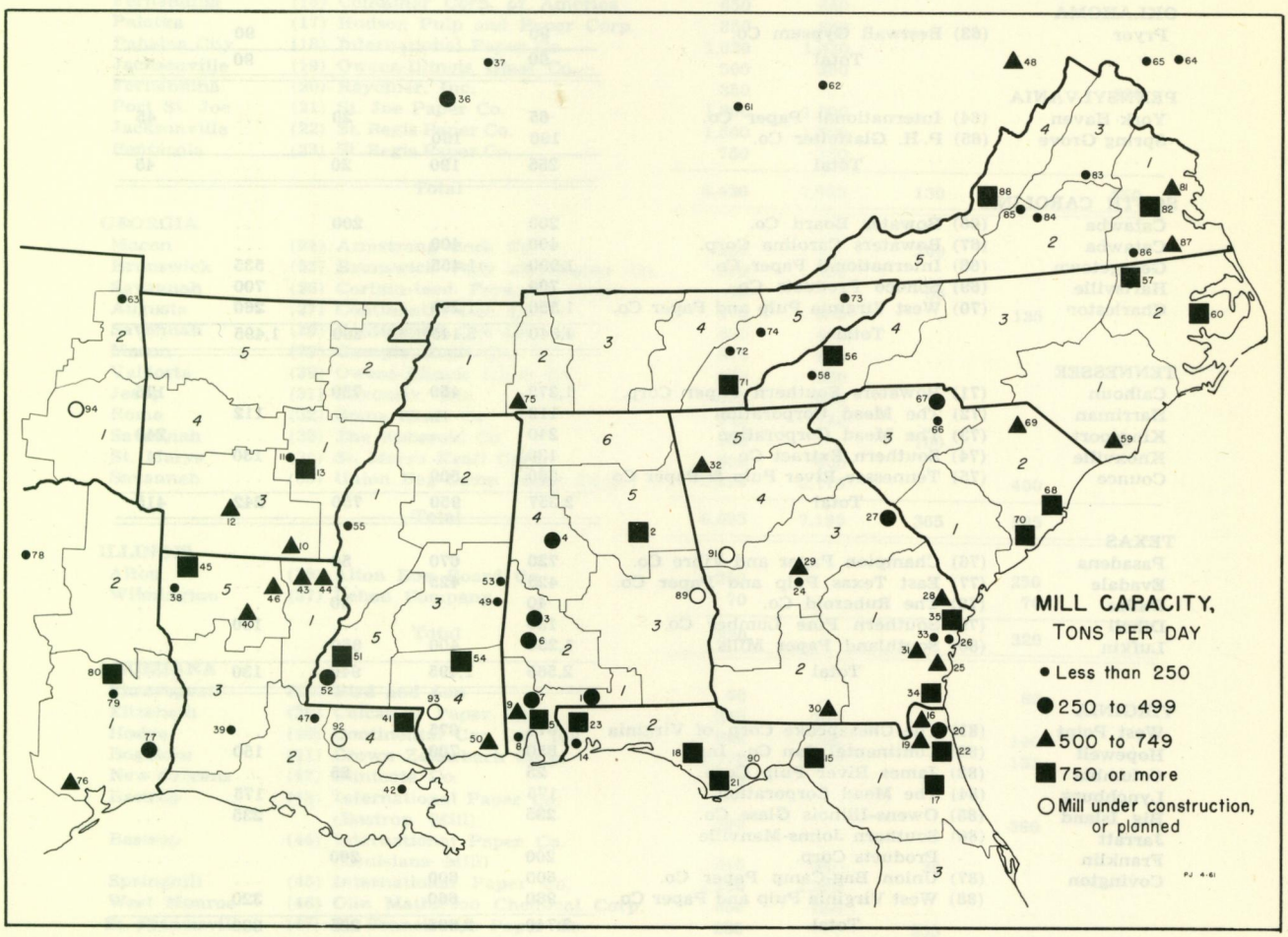

Figure 10.—*Mills using southern pulpwood in 1960, and those planned or under construction. Numbered areas are Forest Survey regions. Small numbers at mill locations correspond to numbers in tables 21 and 22.*

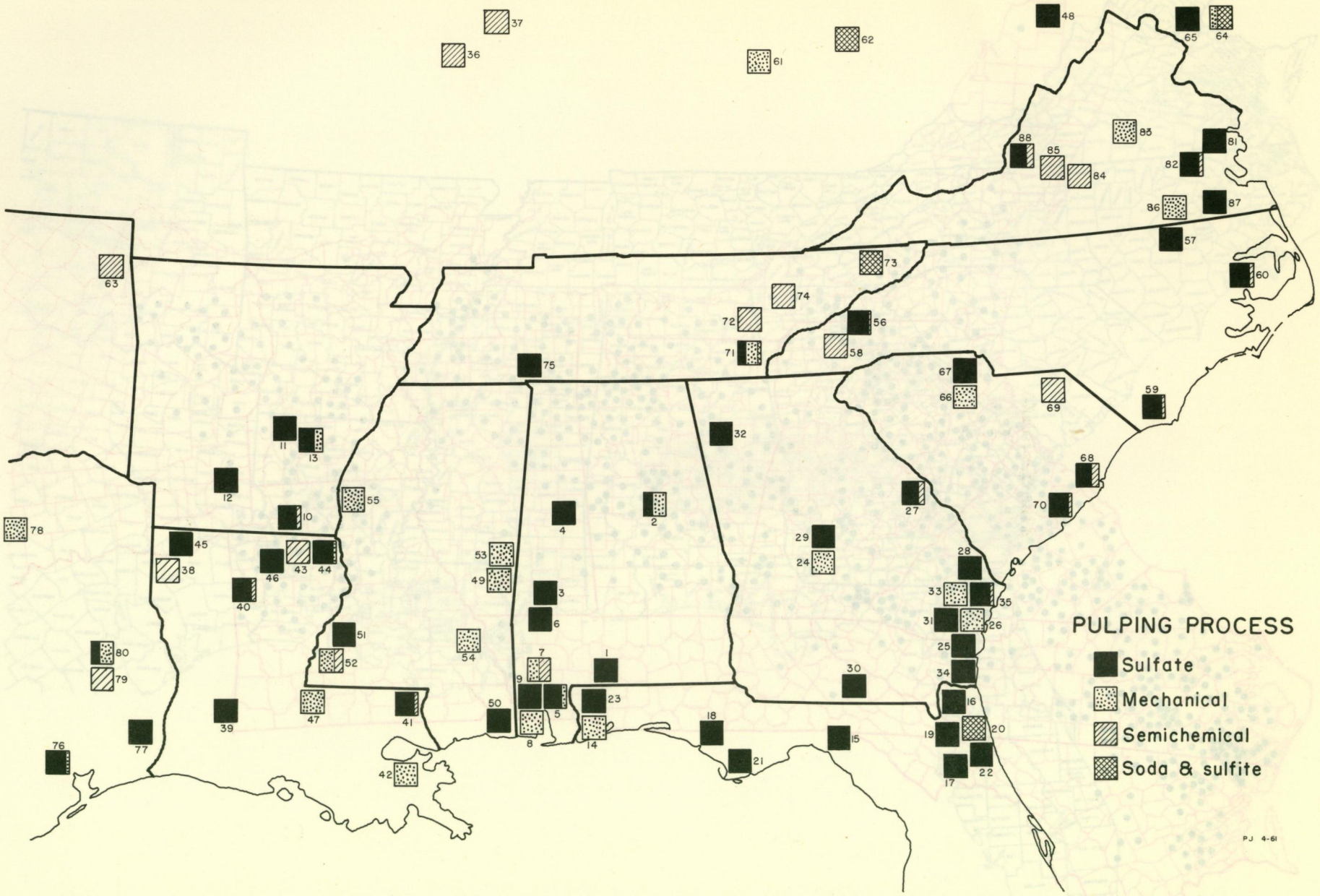

Figure 11.— *Mills using southern pulpwood in 1960, by process. Numbers correspond to those in table 21.*

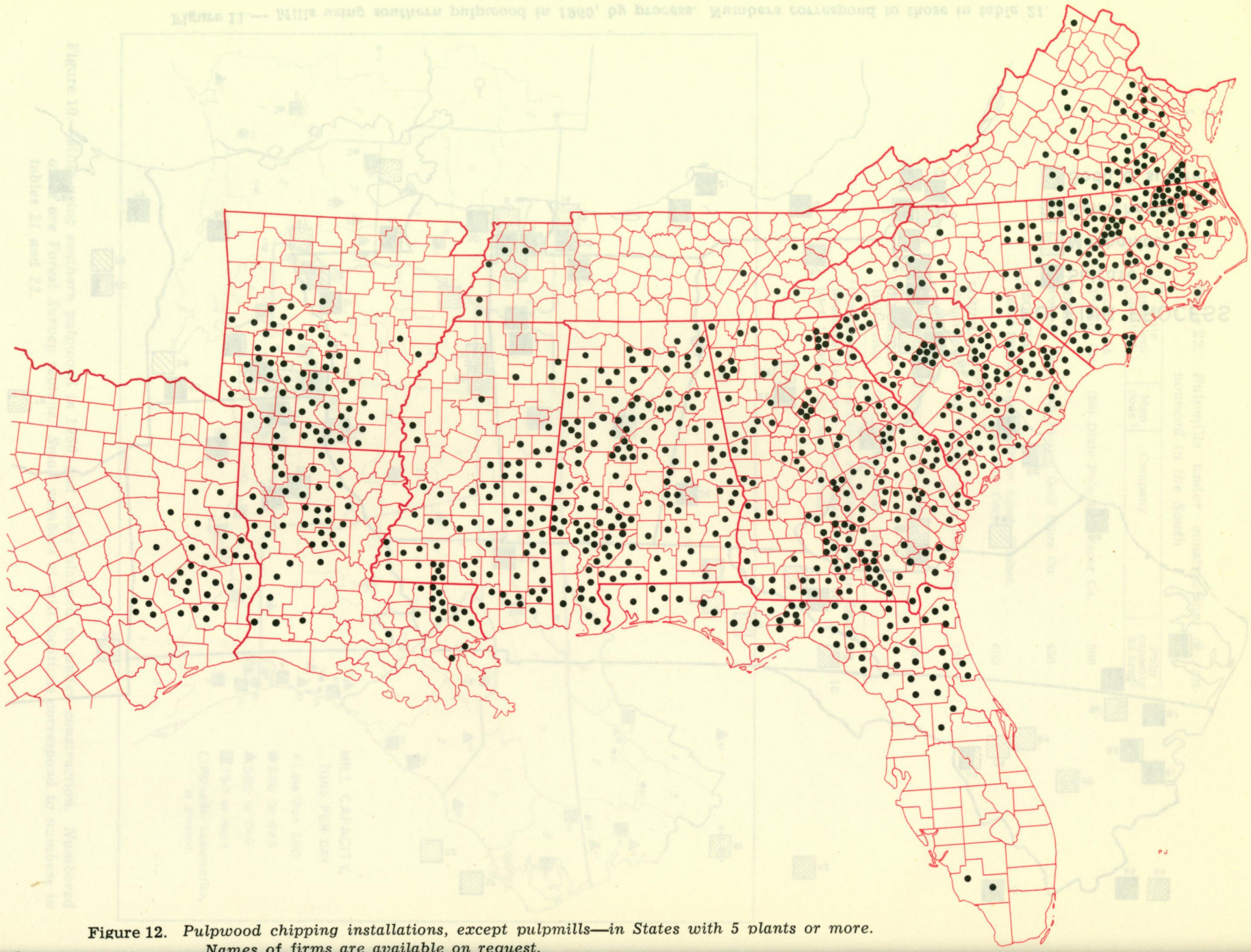

Figure 12. *Pulpwood chipping installations, except pulpmills—in States with 5 plants or more. Names of firms are available on request.*

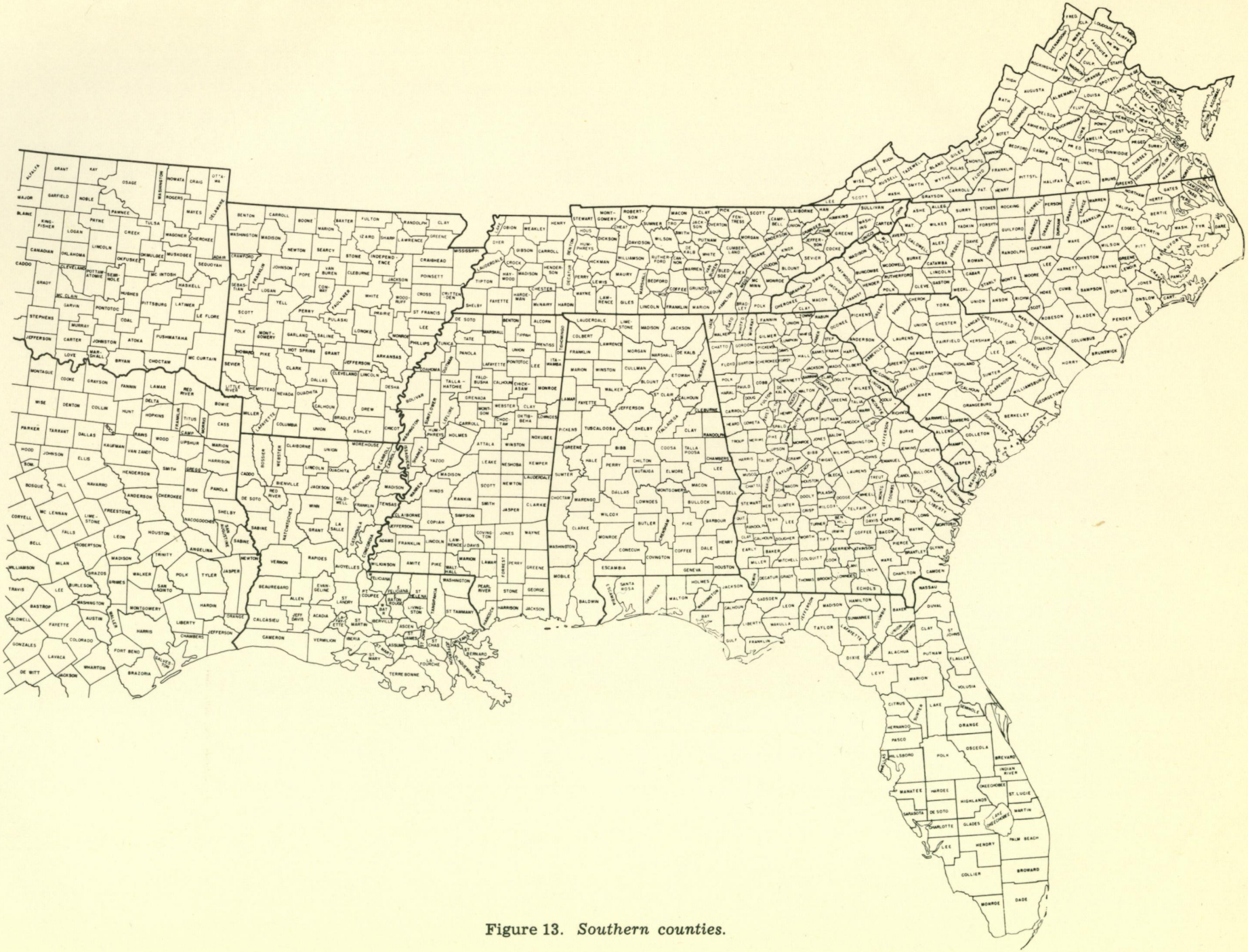

Figure 13. *Southern counties.*

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New Orleans, Louisiana
Forest Service, U.S. Department of Agriculture
1961